Project Overview, Team Structure, and System Description with Wireframe

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1 – Information about the Team

The project team, Tecbook, was made up of five prospective personnel. Individual P-Numbers are P2785659, P2724555, P2796362, P2836714, and P2839572.

2 – Title and Overview of the Project

Address Book is our project choice. The programme promises to simplify and streamline contact management.

3 – Assigning Roles within a Team Setup

Appropriate job allocation was developed for successful functioning of the team. P2785659 is scheduled to assume the role of Project Manager, serving as the centre gear that drives coordination and supervises progress in tasks. The responsibility placed on P2785659 and P2796362, our UI/UX Designers, extends beyond core program functionality, the visual appeal is equally crucial under their domain. As for technical problems, they are decided upon by Lead Developer P2836714 and P2839572. Finally rounding up this effective programme will be Quality Assurance officer P2724555, whose task involves insuring faultless operating and debug-free final output.

4 – Core Features

Every member in the group is assigned separate sections which constitutes a vital feature of our Address Book Initiative. P2796362 is issued completing execution with a distinct sort of logotype, which provides an exclusive visual character for our project. Responsible for capability of adding, viewing, changing, and deleting contacts is P2785659 while executing at least basic criteria for contact management. A task for P2724555 is designing a beautiful yet user-friendly interface vital in making this system pleasurable to use. P2796362 implements the capability enabling users, to display their new contacts in alphabetical order in our user-friendly interface.

5 – Optional Features

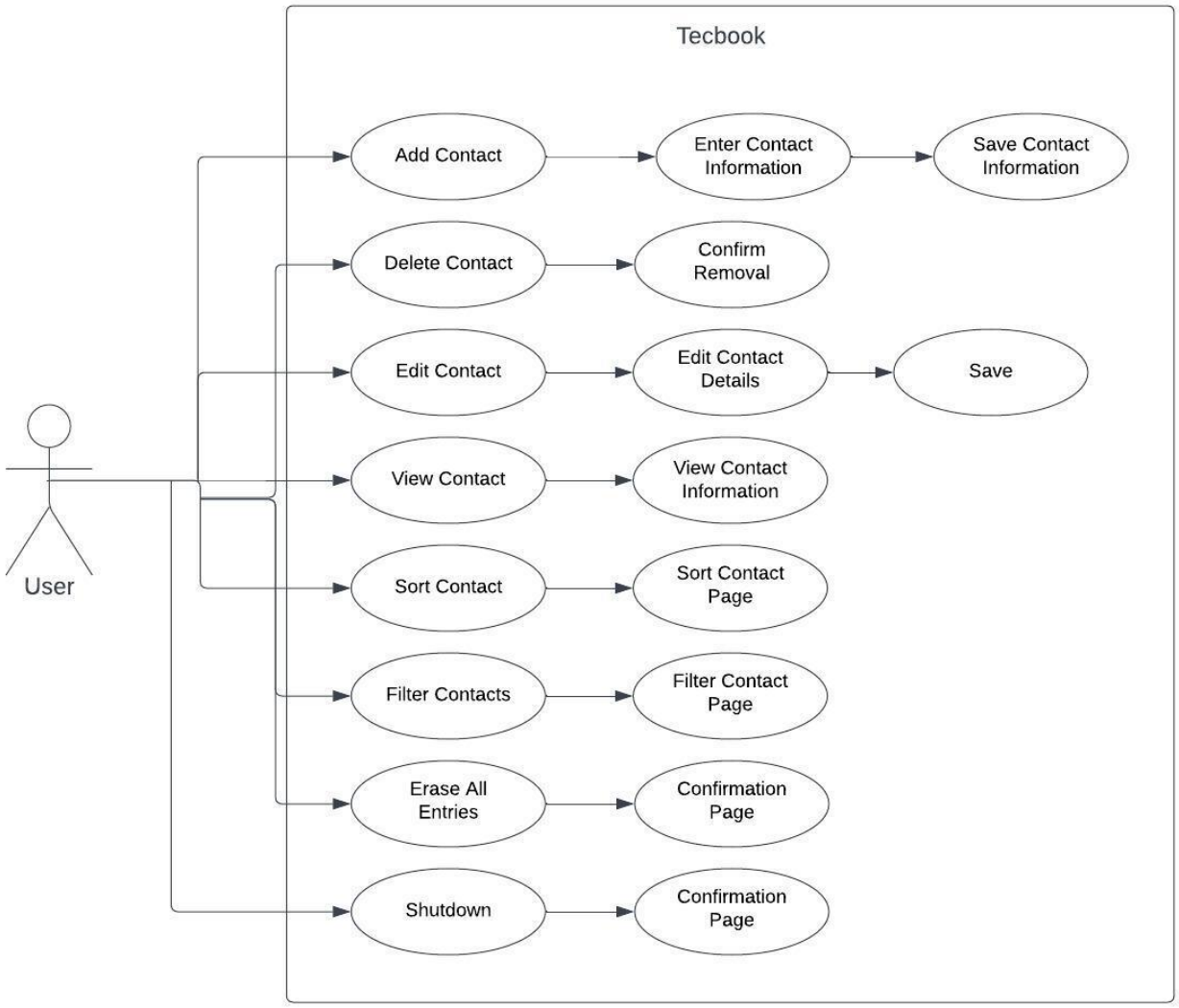
Our Address Book will be built with additional characteristics to stimulate user interaction. A programme for erasing all entries is queued up for development by P2785659, allowing users a fresh start effortlessly. The features introduced by P2796362 and P2836714 will allow for sorting the contacts by surname or first name. P2796362 and P2836714 will filter the contacts, making it more accessible and vibrant. Also, an image attachment option for each contact profile is on the agenda of development from P2724555 this aims at offering more individualised recording impression. P2836714 and P2839572, meanwhile must supervise automated processes like storing and reloading data which insure durability. Finally, P2785659 will implement a shutdown button which will shutdown the entire application.

6 – Company Logo

This logo was designed by P2796362 using picsart.com.

7 – Use Cases and Diagrams

To describe how users engage with our address book application, we show how it may replicate navigation settings and user circumstances created to evaluate occasion-based navigation. Use case diagrams were explained using Lucidchart. P2796362 and P2785659 created the diagram.



Adding contacts is straightforward. Select "Add Contact" and enter first name, last name, address, phone number, and email, then click "Save" to securely save this information in the address programme and keep a record of all contacts.

To see contact information, select the desired contact from the list and then click "View Contact" to view, if available, first name, surname, address, mobile number, and email.

Users pick a contact, click "Edit Contact," make changes, then click "Save" to confirm changes with a confirmation message.

Contact deletion is done by using the 'Delete Contact' button. Select the contact, press 'Delete Contact', confirm, and the list eliminates it instantly.

Select "Sort Contacts" to sort contacts. The "Sort Contacts" button sorts of contacts alphabetically by first name or surname if pressed again, dynamically reshaping according to user preferences.

Filtering of contacts enables specifying the criteria such as first name, last name, address, mobile number or email. Being a dynamic programme consequently it adjusts the contact list for friendly and bespoke displays.

The "Erase All Entries" option offers rapid wiping of data followed by a prompt asking users for confirmation regarding their action: "Are you sure you want to erase all entries?" Users could continue or cancel with confidence.

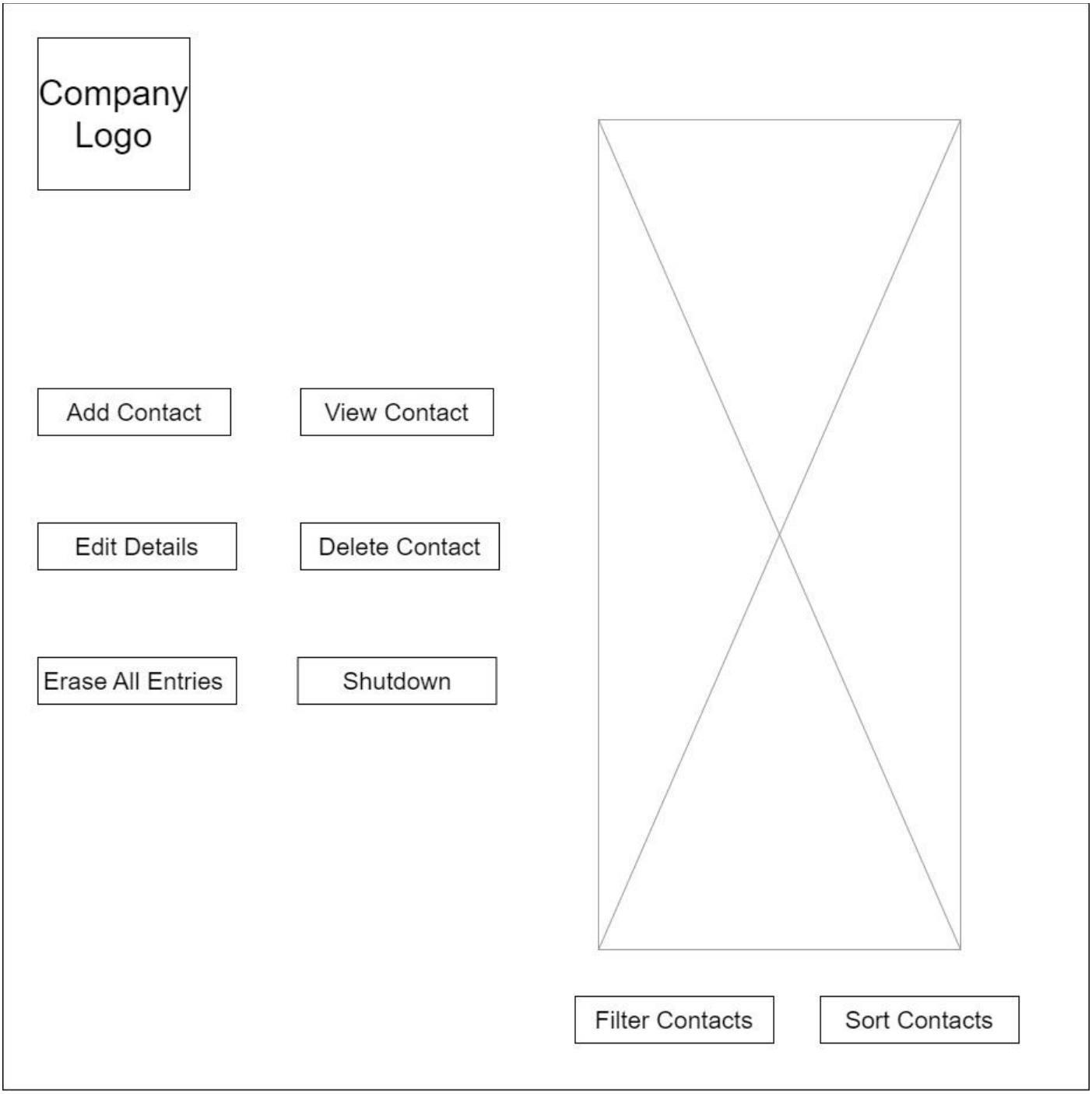
The programme may be closed quickly by clicking the "Shutdown" button. A confirmation message, "Are you sure you want to shutdown the application?" safeguards unintentional shutdowns in order for the users to affirm their purpose.

Our visually beautiful Address Book delivers functionality in a user-friendly layout without any problems observed.

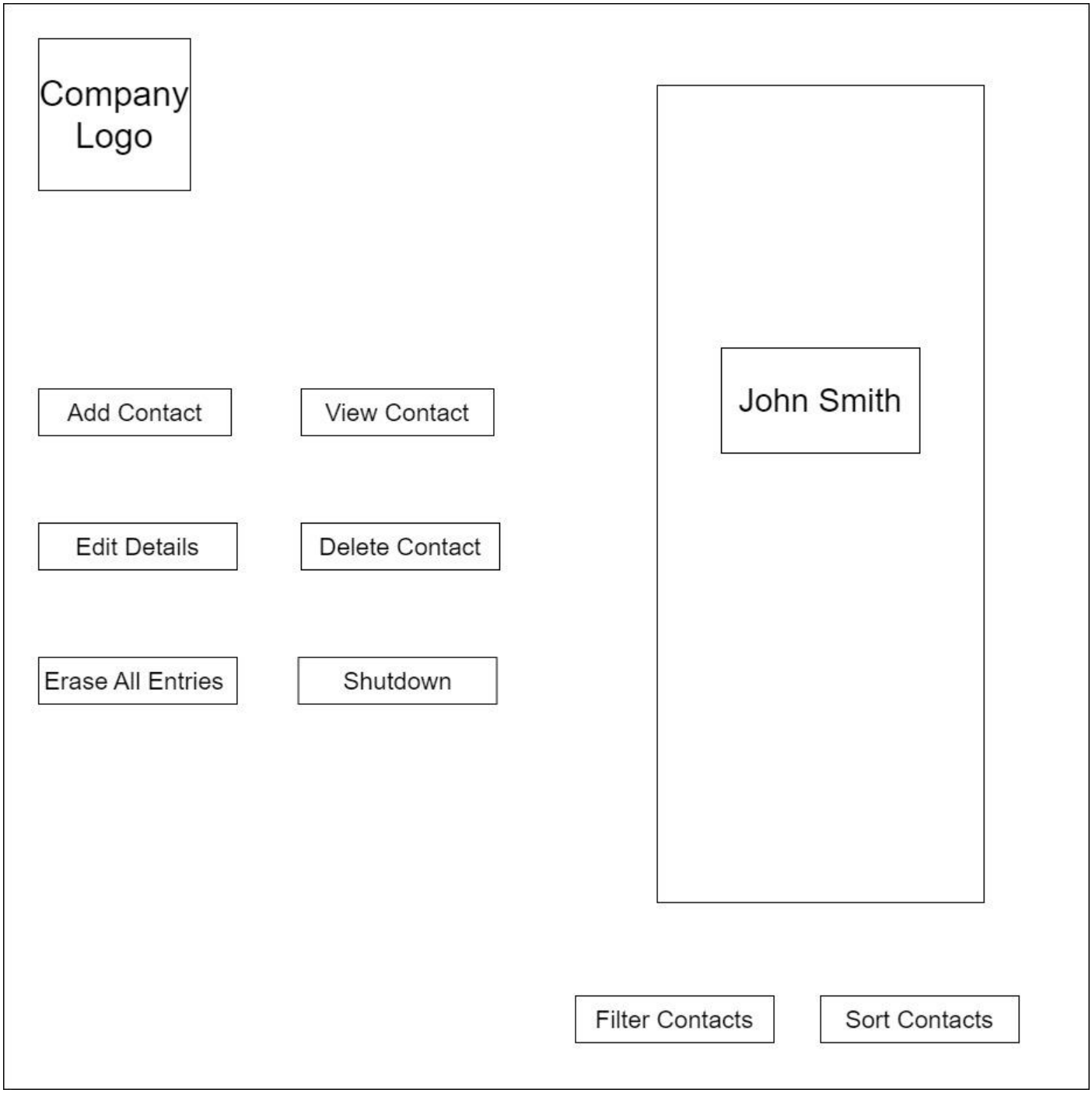
8 – Wireframe

In this section, we shall begin with the Address Book wireframe. The wireframe serves as a graphical picture of the planned design and release of our programme, intended to be utilised as a template for the user interfaces. For making the wireframe diagrams, I am going to be using a tool called draw.io. The wireframe diagrams were created by P2785659 and P2796362.

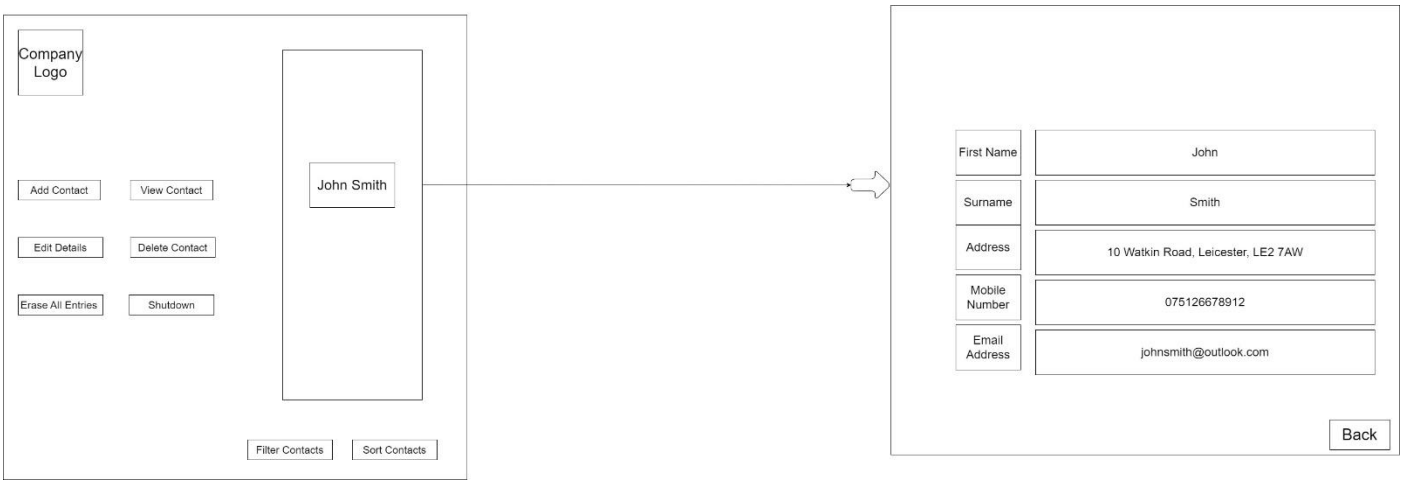
Starting from the main screen, the wireframe will illustrate the journey that customers will walk via a visually attractive interface that is personalised with our brand. This interface will be presented as a small and important widget application positioned in the middle. The user interface (UI) is elegant and straightforward, making it readily utilised from the outset.



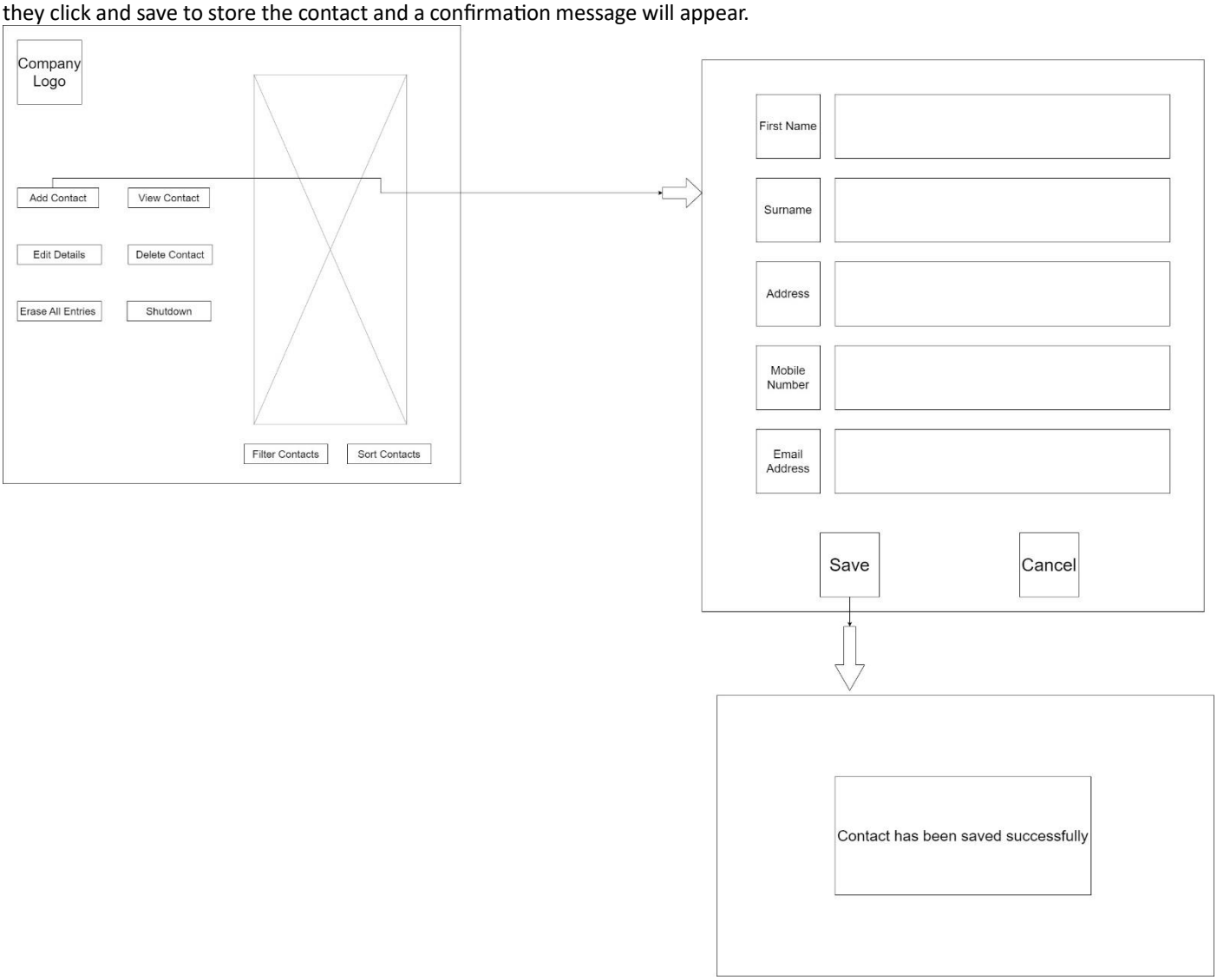
An excellent and well-arranged list of contacts that is positioned in the major portion of the screen. Each item gives the contact's first name, last name. Being on a list that is alphabetically arranged not only provides speed but also gives simplicity when looking for particular links.



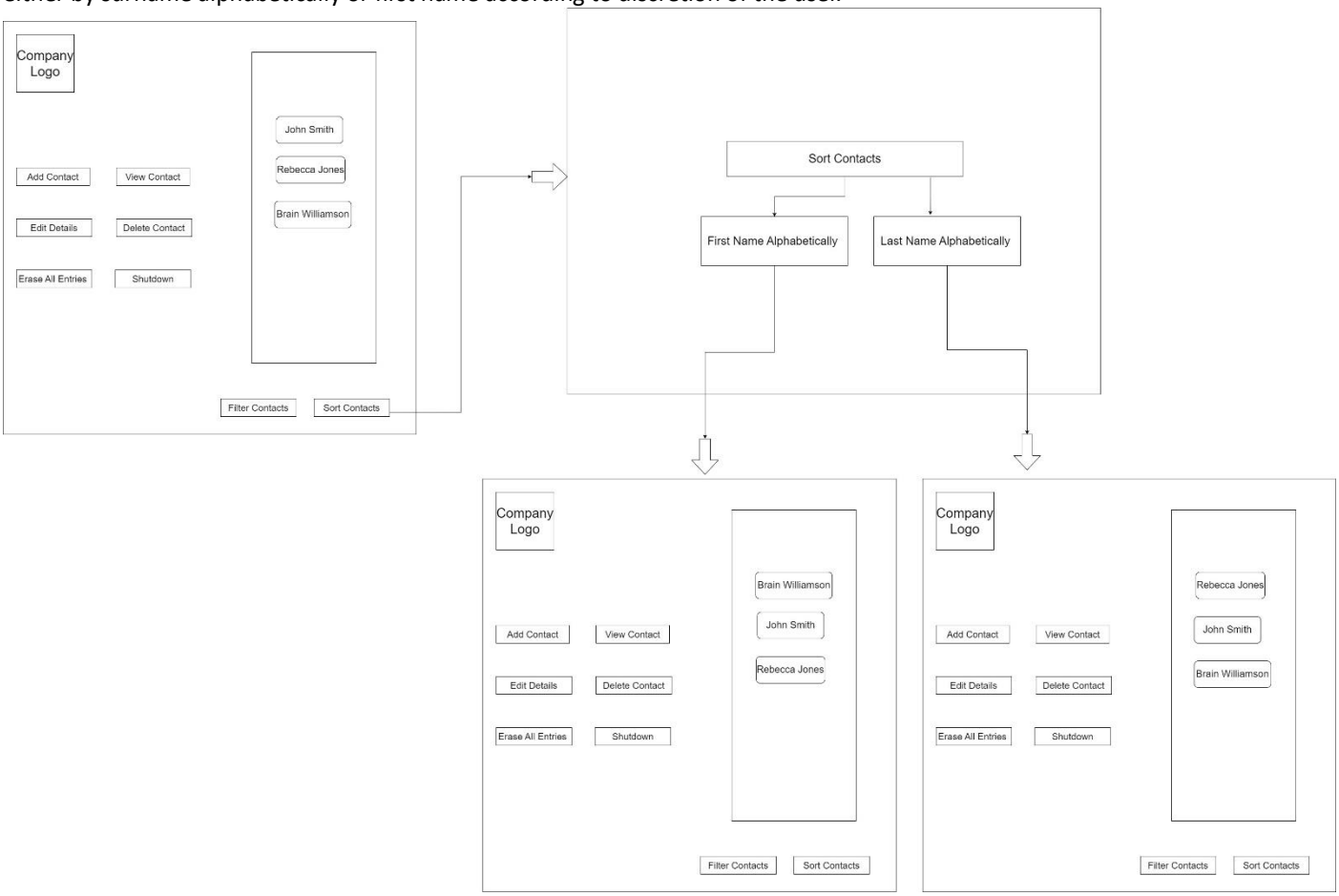
Clicking on a particular contact from the list sends the user to an overview. This understanding, regarding the address whose whole list of all accessible phone numbers and email address is quick given away with just a simple click may then possibly be achievable to acquire by the user. The usage is also straightforward as there is a clear "Back" button that immediately returns the user back to the contact list.



The wireframe should have a user-friendly contact management system. Users must follow a sequence of steps after clicking "Add Contact" to fill in crucial data including first name, last name, address, phone numbers, and email address. After finishing, they click and save to store the contact and a confirmation message will appear.

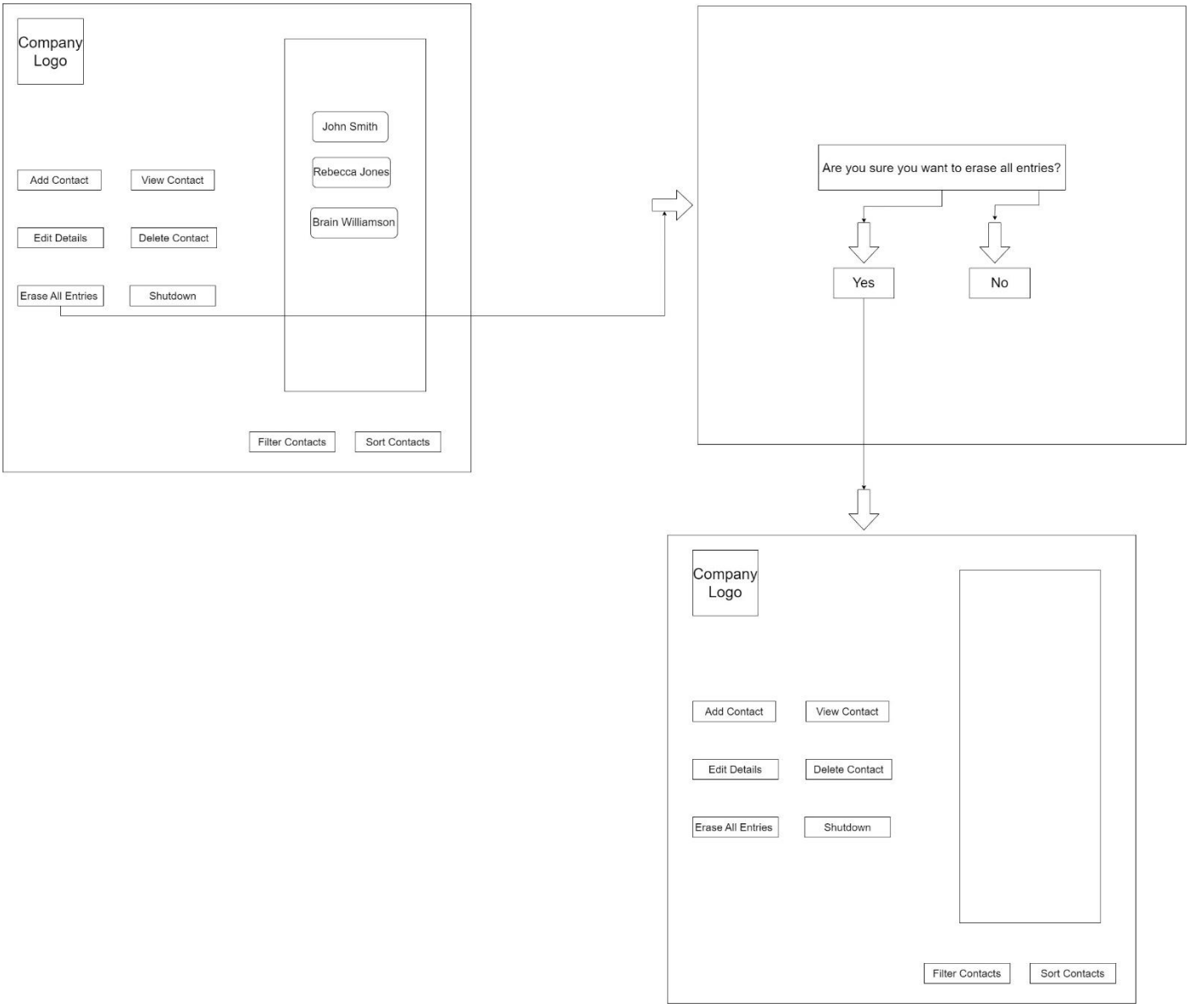


In order to sort out the contact list, the wireframe displays a function labelled "Sort Contacts". The display of contacts may be either by surname alphabetically or first name according to discretion of the user.

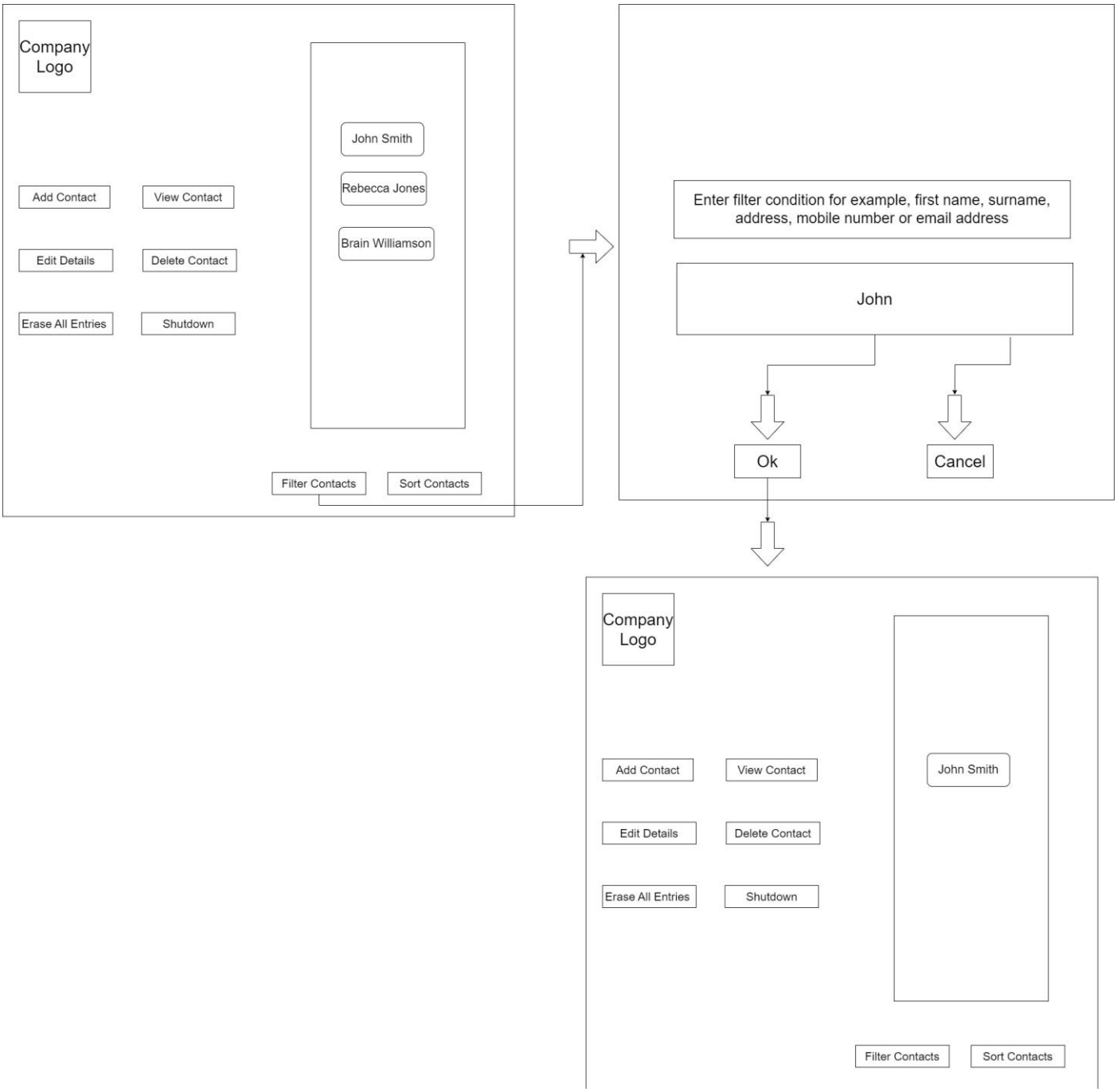


Optional features are elegantly placed into the wireframe. There is a common button of Erase All Entries - the user may simply remove everything and start again in a very easy and quick way basically. There is also a brilliant "Filter" feature where the user may select the specific criteria of the list of contacts thus making this list more user-friendly.

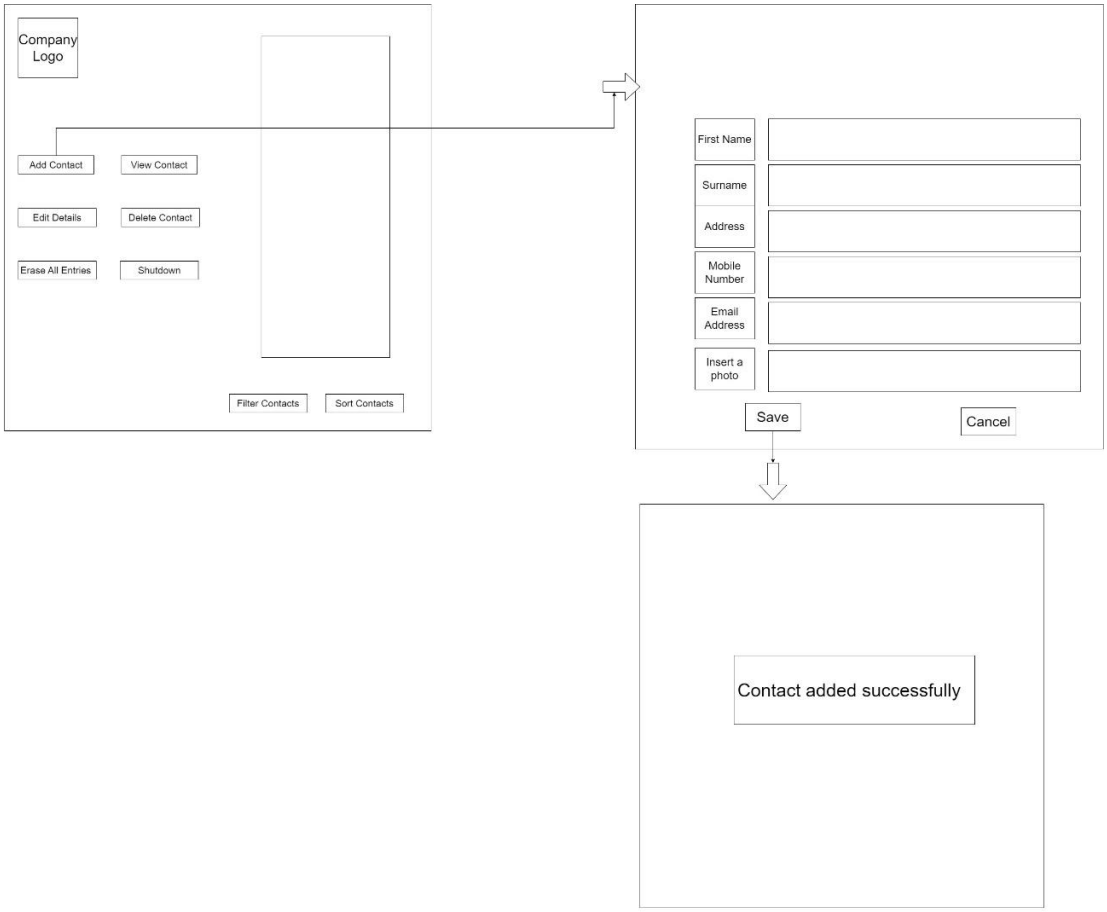
Erase All Entries:

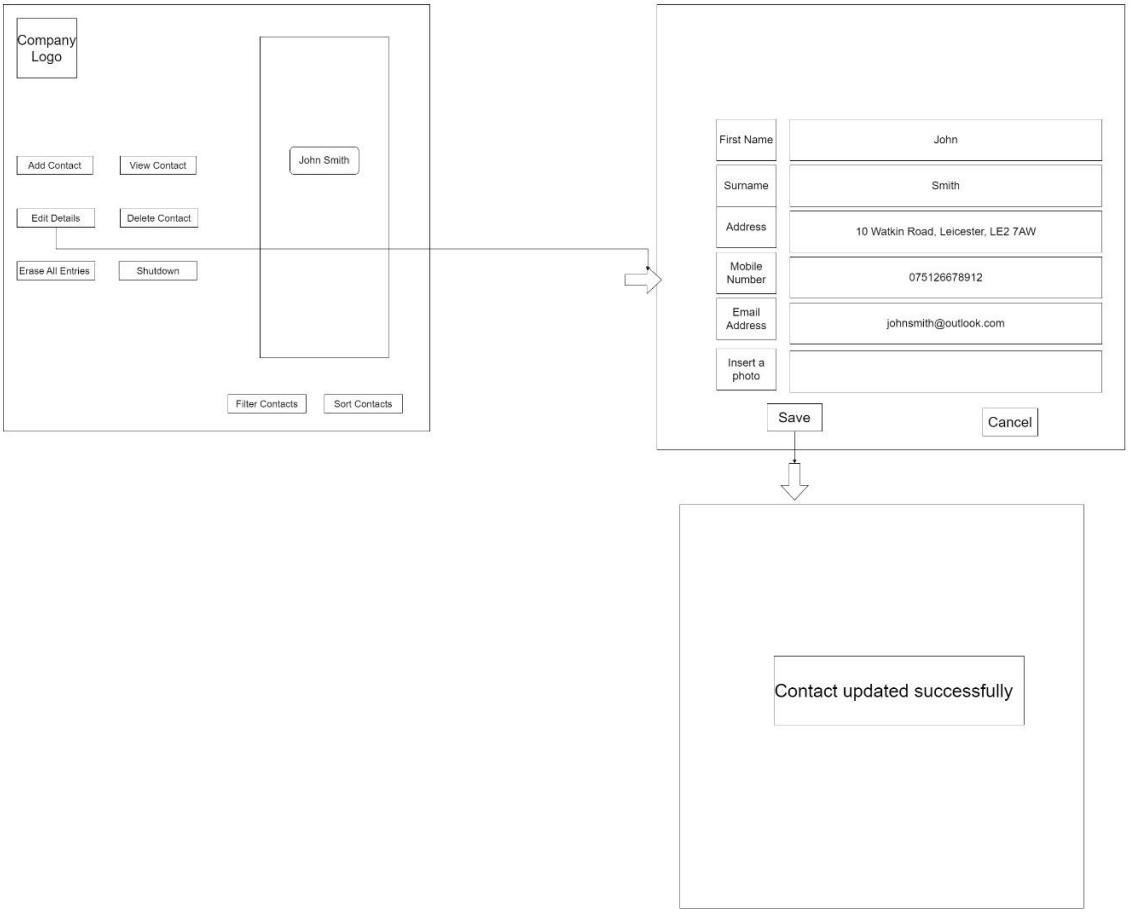


Filter Contacts:

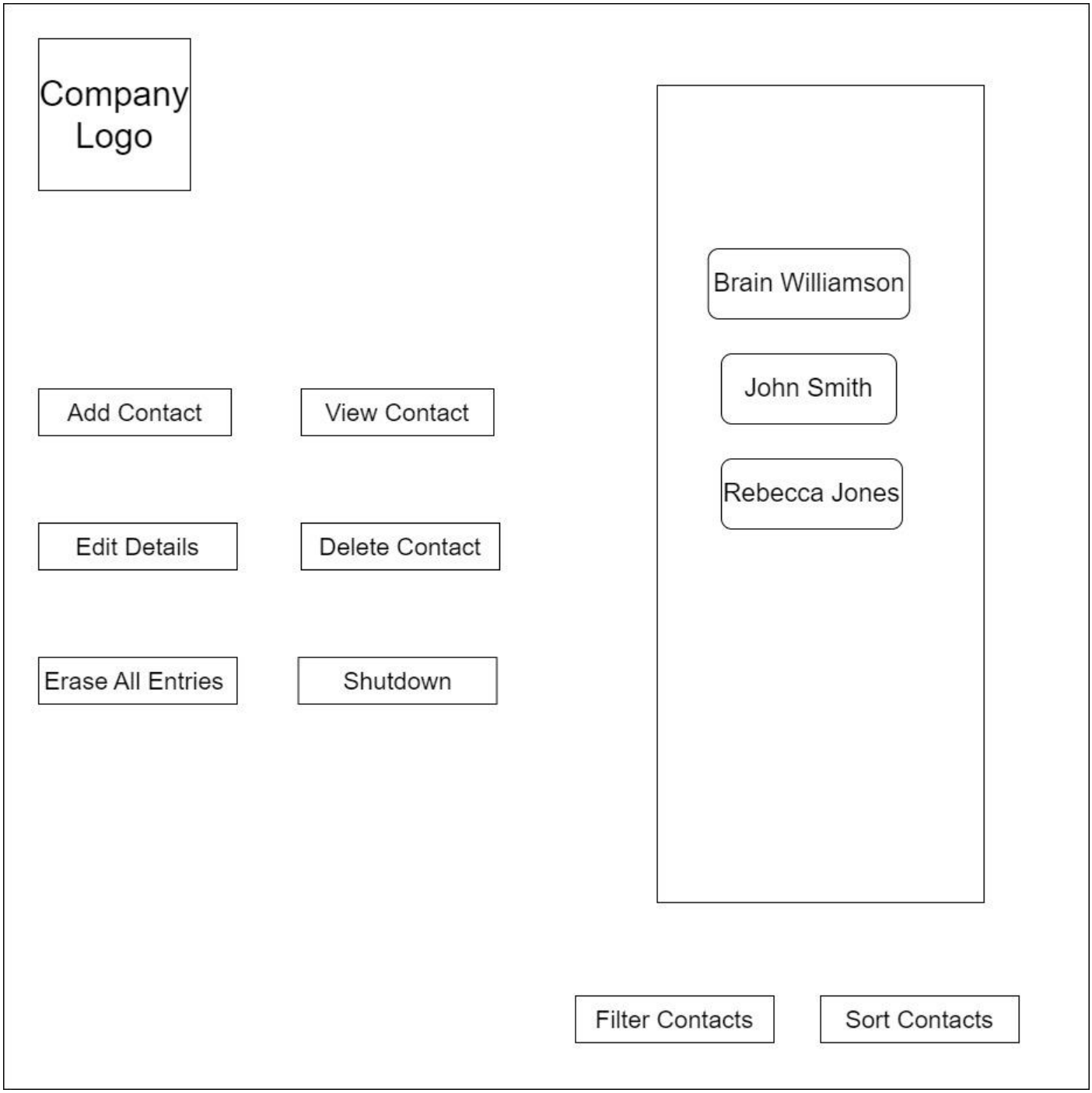


Additionally, what the user can do is link images of the entries of contacts that will make it even more specialised and customised. That method, the contact book seems lot more lively and excellent for individualisation with reference to its appearance.

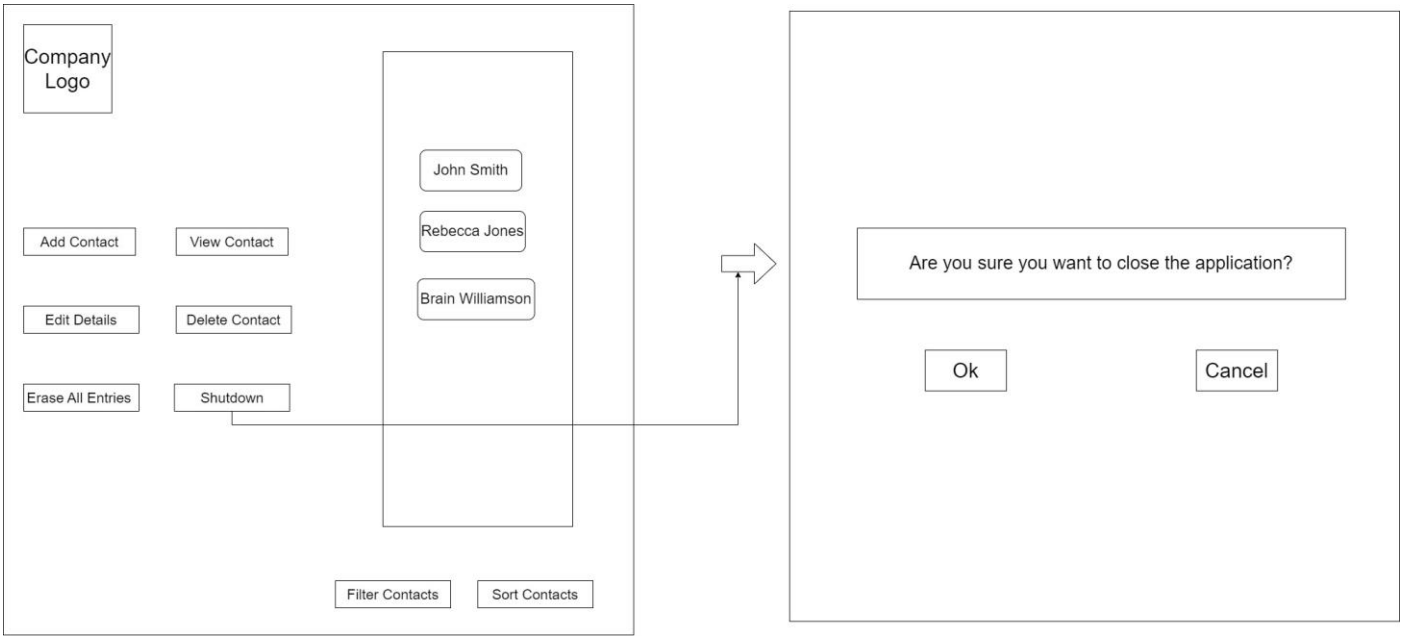




To be ecologically sustainable, the wireframe will save contacts to a file that will be loaded for the user to see when he or she launches an application. This has made the process and user experience of preserving data and receiving that data shown in a later session smooth.



Finally, if a user hits the "Shutdown" button, the software will be ended promptly.



In summary, the wireframe graphical portrayal here implies that our Address Book application will offer an integration that balances functionality with an attractive visual user experience realisation.